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		OTHER DOCUM	1ENTS (INCI	LUDING AUTHOR, TITLE,	DATE, PER	TINENT PAG	GES, ETC.)
1 4	CA	Siike Brandt, T	homas J. Je	entsch; CIC-6 and CIC-7	are two nov	el broadly ex	epressed members of the
184		CLC chloride cl	hannel fami	ly; Center for Molecular N	Veurobiolog	y Hamburg (ZMNH), FEBS Letters
207	-	377 (1995) 15-2					-
III.	CB	Uwe Kornak, et al.; Complete genomic structure of the CLCN6 and CLCN7 putative chloride channel genes; Biochimica of Biophysica Acta 1447 (1999) 100-106					
0	CC	Erna Cleiren, e	t al.; Albers	-Schönberg disease (auto	somal dom	inant osteop	etrosis, type II) results
ALAI		from mutuation No. 25 2681-28	ns in the CIO	CN7 chloride channel gen	e; Human	Molecular Ge	enetics, 2001, Vol. 10,
70/	CD			-i	DVO D		<u> </u>
JI A	CD		Shinichi Uchida, et al.; Cloning and Expressionof a PKC-Regulated Chloride Channel; Japanese Journal of Physiology, 44, Suppl. 2, S55-S62, 1994				
00.4	CE	E Paul H. Schlesinger, et al.; Characterization of the Osteoclast Ruffled Border Chloride Channel and					
Its Role in Bone Resorption; The Journal of Biological Chemistry Vol. 272, No. 30, Issue			No. 30, Issue of July 25,				
	CF	pp 18636-18643, 1997					
SIA	Cr	S.H.S. Pearce; Straightening out the renal tubule: advances in the molecular basis of the inherited tubulopathies; Q.J. Med 1998; 91:5-12					
RIL	CG	Dayue Duan, et al.; Molecular identification of a volume-regulated chloride channel; Nature/Vol					
2/1/21		390/27 November 1997, pages 417-421					
AP.H.	СН	Uwe Kornak, et al.; Loss of the CIC-7 Chloride Channel Leads to Osteopetrosis in Mice and Man;					
~	Cell, Vol. 104, 205-215, January 26, 2001, Copyright ©2001 by Cell Press, pp. 205-215						
MM	CI Sandra M. Stobrawa, et al.; Disruption of CIC-3, a Chloride Channel Expressed on Synaptic Vesicles, Leads to a Loss of the Hippocampus; Neuron, Vol 29, 185-196, January, 2001, Copyright						
©2001 by Cell Press, pp. 185-196							
SJA	CJ	Nils Piwon, et al.; CIC-5 CI -channel disruption impairs endocytosis in a mouse model for Dent's disease; Nature Vol 408/16 November 2000, pp. 369-373					
A. M.	CK David Clapham; How to Lose Your Hippocampus by Working on Chloride Channels; Neuron, Vol. 29, 1-6, January, 2001, Copyright ©2001 by Cell Press, pp. 1-3						
EXAMINER:) (0 M DATE: 0/1./-							
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APPLICANT(S): Heegaard, et al.

FILING DATE: GROUP NO.:

July 18, 2003 | 1632

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) C1 | Hartinger, et al., "An Anion Binding Site That Regulates the Glutamate Transporter of Synaptic

Vesicles," Journal of Biological Chemistry, Vol. 268, No. 31, pp. 23122-23127, 1993.

Ratcliff, et al., "Production of a Severe Cystic Fibrosis Mutation in Mice by Gene Targeting, Nature Genetics," Vol. 4, pp. 35-41, 1993.

Vincent, et al., "Antisense Suppression of Potassium Channel Expression Demonstrates Its Role in Maturation of the Action Potential, Journal of Neuroscience," Vol. 20, pp. 6087-6094, 2000.

Wang, et al., "The Role of CIC-3 in Volume-Activated Chloride Currents and Volume Regulation in Bovine Epithelial Cells Demonstrated by Antisense Inhibition," Journal of Physiology, Vol. 524.1, pp. 63-75, 2000.

C5 Tottene, et al., "α_{1E} Subunits Form the Pore of Three Cerebellar R-Type Calcium Channels with Different Pharmacological and Permeation Properties," Journal of Neuroscience, Vol. 20, pp. 171-178, 2000.

Clarke, et al., "Defective Epithelial Chloride Transport in a Gene-Targeted Mouse Model of Cystic Fibrosis," Science, Vol. 257, pp. 1125-1128, 1992.
 Miesenböck, et al., "Visualizing Secretion and Synaptic Transmission with pH-Sensitive Green

Fluorescent Proteins," Nature, Vol. 394, pp. 192-195, 1998.

C8 Maycox, et al., "Glutamate Uptake by Brain Synaptic Vesicles," Journal of Biological Chemistry, Vol. 263, pp. 15423-15428, 1988.

C9— Piwen, et al., "CIC-5-CI-Channel Disruption Impairs Endocytosis-in-a-Mouse-Model-for-Dent's-Disease,"
Nature, Vol. 408, pp. 369-373, 2000...

C10 Schaertl, et al., "A Novel and Robust Homogeneous Fluorescence-Based Assay Using Nanoparticles for

Pharmaceutical Screening and Diagnosis," Journal of Biomolecular Screening, Vol. 5, pp 227-237, 2000.

C11 Yamamoto, et al., "Characterization of Renal Chloride Channel (CLCN5) Mutations in Dent's Disease,"

Journal of the American Society of Nephrology, Vol. 11, pp. 1460-1468, 2000.

C12 Sun, et al., "CD38/ADP-Ribosyl Cyclase: A New Role in the Regulation of Osteoclastic Bone

Resorption," Journal of Cell Biology, Vol., 146, pp. 1161-1171, 1999.

C13 Kask, et al., "Fluorescence-Intensity Distribution Analysis and Its Application in Biomolecular Detection Technology," PNAS, Vol. 96, pp. 13756-13761, 1999.

Detection Technology," PNAS, Vol. 96, pp. 13756-13761, 1999.

C14 Kawasaki, et al., "Cloning and Expression of a Protein Kinase C-Regulated Chloride Channel
Abundantly Expressed in Rat Brain Neuronal Cells," Neuron, Vol. 12, pp. 597-604, 1994.

C15 Thomas-Reetz, et al., "A γ-Aminobutyric Acid Transporter Driven by a Proton Pump is Present in Synaptic-Like Microvesicles of Pancreatic β-Cells," Proceedings of the National Academy of Sciences USA, Vol. 90, pp. 5317-5321, 1993.

C16 Overly, et al., "Quantitative Measurement of Intraorganelle pH in the Endosomal-Lysosomal Pathway in Neurons by Using Ratiometric Imaging with Pyranine," Proceedings of the National Academy of Sciences USA, Vol. 92, pp. 3156-3160, 1995.

C17 Xia, et al., "Localization of Rat Cathepsin K in Osteoclasts and Resorption Pits: Inhibition of Bone Resorption and Cathepsin K-Activity by Peptidyl Vinyl Sulfones," Biological Chemistry, Vol. 380, pp. 679-687, 1999.

C18 Yeager, et al., "Constructing Immortalized Human Cell Lines," Current Opinion in Biotechnology, Vol. 10, pp. 465-469, 1999.

194. C19 Palo, et al., "Fluorescence Intensity Multiple Distributions Analysis: Concurrent Determination of Diffusion Times and Molecular Brightness," Biophysical Journal, Vol. 79, pp. 2858-2866, 2000.

20 20 1 C20 Diwu, et al., "A Novel Acidotropic pH Indicator and Its Potential Application in Labeling Acidic

Organelles of Live Cells," Chemistry & Biology, Vol. 6, pp. 411-418, 1999.

C21 Reimer, et al., "Vesicular Neurotransmitter Transport and the Presynaptic Regulation of Quantal Size,"

Current Opinion in Neurobiology, Vol. 8, pp. 405-412, 1998.

C22 Gasnier, "The Loading of Neurotransmitters Into Synaptic Vesicles," Biochimie, Vol. 82, pp. 327-337,

C23 Karlsson, "Real-Time Competitive Kinetic Analysis of Interactions Between Low-Molecular Weight Ligands in Solution and Surface-Immobilized Receptors," Analytical Biochemistry, Vol. 221, pp. 142-151 1994

DUP

Sara L. Larrey 8/12/05

BOS2_444685_1/DRDAVIS

FORM PTO-1449			DOCKET NO:		SERIAL NO.:			
			59573 (46865)		10/623,150			
INFORMATION DISCLOSURE			APPLICANT(S): Heegaard, et al.					
STATEM	ENT		FILING DATE:	GI	ROUP NO.:			
			July 18, 2003	16	32			
24 20 11	C24				etween Immobilized Human Serum			
214		Albumin and Drug Compounds Medical Chemistry, Vol. 43, pp.		m A	Albumin Binding Levels," Journal of			
25 20.1	C25	Parmjit, et al., "Direct Derivation	of Conditionally Immortal Co		ines from an H-2Kb-tsA58 Transgenic			
21/1	006	Mouse," Proceedings of the National Alexander of Comments of Comme			ol. 88, pp. 5096-5100, 1991. gi pH in Single Living Cells with Green			
26 g		Fluorescent Proteins," Proceedir 1998.	ngs of the National Academy o	f Sc	iences USA, Vol. 95, pp. 6803-6808,			
27	C27				Epithelial Cell Lines from Both Colon			
2554		Sciences USA, Vol. 90, pp. 587-		100	eedings of the National Academy of			
28 0	C28	Markgren, et al., "Kinetic Analys Optical Biosensor Technology,"			7-1 Protease and Inhibitors Using , pp. 71-78, 2000.			
29 ff 11.	C29	Williams, "Biotechnology Match in Biotechnology, Vol. 11, p. 42-		igan	ds and Receptors," Current Opinion			
30 0	C30	Beerheide, et al., "Potential Dru	gs Against Cervical Cancer: Zi		Ejecting Inhibitors of the Human			
All		1220, 1999.			Cancer Institute, Vol. 91, pp. 1211-			
31 C He	C31	Jen, et al., "Suppression of Gen Options and Current Strategies,						
32 CO 1	C32	Deckert, et al., "Development and Validation of an IL-6 Immuno-Receptor Assay Based on Surface Plasmon Resonance," Journal of Pharmaceutical and Biomedical Analysis, Vol. 23, pp. 403-412, 2000.						
33 , 00 0	C33	Shioi, et al., "Glutamate Uptake	Shioi, et al., "Glutamate Uptake Into Synaptic Vesicles of Bovine Cerebral Cortex and Electrochemical					
- July		Potential Difference of Proton Ac 1989.	Potential Difference of Proton Across the Membrane," Biochemistry Journal, Vol. 258, pp. 499-504, 1989.					
34 Kg	C34		Kubisch, et al., CIC-1 Chloride Channel Mutations in Myotonia Congenita: Variable Penetrance of Mutations Shifting the Voltage Dependence, Human Molecular Genetics, Vol. 7, pp. 1753-1760, 1998.					
350	C35	Lorenz, et al., "Genomic Organiz	zation of the Human Muscle C	hlo	ride Channel CIC-1 and Analysis of			
254		Novel Mutations Leading to Becker-Type Myotonia," Human Molecular Genetics, Vol. 3, pp. 941-946, 1994.						
35		Tycko, et al., "Rapid Acidification of Endocytic Vesicles Containing α_2 -Macroglobulin," Cell, pp. 643-651, 1982.						
37	C37	Boyde, et al., "Resorption of Der pp. 216-220, 1984.	ntine by Isolated Osteoclasts in vitro," British Dental Journal, Vol. 156,					
380/1	C38	Chapman, et al., "Retrieval of TGN Proteins From the Cell Surface Requires Endosomal Acidifcation The EMBO Journal, Vol. 13, pp. 2305-2312, 1994.			e Requires Endosomal Acidifcation,"			
39	C39	Katakura, et al., "Immortalization by Gene Transfection," Methods in Cell Biology, Vol. 57, pp 69-91, 1998.						
40 July	C40	Hell, et al., "Uptake of GABA By Rat Brain Synaptic Vesicles Isolated By a New Procedure," The EMBO Journal, Vol. 7, pp. 3023-3029, 1988.						
41 16 Kg	C41	Giovanna, et al., "Synergy Between Apomin and an Activated ras Mutation Is Sufficient to Induce Colon Carcinomas," Molecular and Cellular Biology, Vol. 16, pp. 884-891, 1996.						
42 SEL	C42	Nako, et al., "Inhibition by Antisense Oligonucleotides of Plasma Membrane Ca2+ ATPase in Vascular Endothelial Cells," European Journal of Pharmacology, Vol. 387, pp. 273-277, 2000.						
43 /64	C43	Dorin, et al., "Cystic Fibrosis in the Mouse by Targeted Insertional Mutagenesis," Nature, Vol. 359, pp. 211-215, 1992.						
44	C44	Johnson, et al., "Endosome Acidification and Receptor Trafficking: Bafilomycin A ₁ Slows Receptor						
2724		Externalization by a Mechanism Involving the Receptor's Internalization Motif," Molecular Biology of the Cell, Vol. 4, pp. 1251-1266, 1993.						
45 101	C45	Wu, et al., "[39] Studying Organ	e Physiology with Fusion Protein-Targeted Avidin and Fluorescent					
2//-		Biotic Conjugates," Methods in Enzymology, Vol. 327, pp. 546-564, 2000.						
JAM	C46	Continuous Monitoring of the Fe	n of Cathepsin B Activity in Fibroblasts and Chondrocytes by primation of Final Fluorescent Reaction Product Using 5-					
	Nitrosalicylaldehyde," Histochemical Journal, Vol. 19, pp. 483-487, 1987.							

-2-Jara L. Harrey 8/12/05

FORM P	0-14	49	DOCKET NO:	SERIAL NO.:			
			59573 (46865)	10/623,150			
INFORMATION DISCLOSURE			APPLICANT(S): Heegaard, et al.				
STATEM	ENT	•	FILING DATE:	GROUP NO.:			
			July 18, 2003	1632			
47.80 4	C47	Mellman "The Importance of Re	eing Acid: The Role of Acidification in Intracellular Membrane Traffic,"				
2 He		Journal Experimental Biology, V	/ol. 172, pp. 39-45, 1992.				
48 PCH,	C48	Presley, et al., "Bafilomycin A ₁ T Membrane Recycling," Journal of		Receptor Recycling More Than Bulk			
49 W	C49	Tabb, et al., "Glutamate Transp		urnal of Biological Chemistry, Vol. 267,			
50 6	C50	pp. 15412-15418, 1992.	Rod cGMP-Gated Channel g-Su	abunit Expression Leads to Photoreceptor			
2 ye	000	and Bipolar Cell Degeneration,"		Wisual Science, Vol. 41, pp. 917-926,			
51 00 11	C51	Lloyd et al. "Characterisation of	of Renal Chloride Channel, CL	CN5, Mutations in Hypercalciuric			
114		Nephrolithiasis (kidney stones)	Disorders," Human Molecular	Genetics, Vol. 6, pp. 1233-1239, 1997.			
52	C52	Brenner, et al., "Vasoregulation Nature, Vol. 407, pp. 870-876, 2		ium-Activated Potassium Channel,"			
53 01	- C53 -	Brandt, et al., "CIC-6 and CIC-7	Are Two Novel Broadly Expre	ssed Members of the CLC Chloride-			
54 2011	C54	Channel Family," FEBS Letters, Inoue, et al., "Visualization of Ac		ed Osteoclasts by Use of an Acidotrophic			
200		Amine as a Marker for Low pH,"	Cell Tissue Research, Vol. 29	8, pp. 527-537, 1999.			
35	-C55 -	Piwon, et al., "CIC-5 CI:-Channe Discase," Nature, Vol. 408, pp.		osis in a Mouse-Model for Dent's			
56 H. H.	C56	Pusch, et al., "Mutations in Dominant Human Myotonia Congenita Drastically Alter the Voltage					
57 Ko. 1	C57	Dependence of the CIC-1 Chloride Channel," Neuron, Vol. 15, pp. 1455-1463, 1995. Llyod, et al., "A Common Molecular Basis for Three Inherited Kidney Stone Diseases," Nature, Vol. 39,					
2/-		pp. 445-449, 1996.					
58 / J.H.	C58	Meyer-Kleine, et al., "Spectrum of Mutations in the Major Human Skeletal Muscle Chloride Channel Gene (CLCN1) Leading to Myotonia," American Journal of Human Genetics, Vol. 57, pp. 1325-1334, 1995.					
59	C59			one Resorption: Evidence for a Low pH in			
2/21		Resorbing Lacunae and Localization of a 100-kD Lysosomal Membrane Protein at the Osteoclast Ruffled Border," Journal of Cell Biology, Vol. 101, pp. 2210-2222, 1985.					
60 00	C60	Demaurex, et al., "Mechanism of Acification of the <i>trans</i> -Golgi Network (TGN) <i>IN SITU</i> MEASUREMENTS OF pH USING RETREIVAL OF TGN38 AND FURIN FROM THE CELL SURFACE,"					
20921		Journal of Biological Chemistry, Vol. 273, pp. 2044-2051, 1997.					
61/EH	C61	Igarashi, et al., "Functional Characterization of Renal Chloride Channel, CLCN5, Mutations Associated with Dent's Japan Disease," Kidney International, Vol. 54, pp. 1850-1856, 1998.					
62 FPU	C62	Failke, "Molecular Mechanisms of Ion Conduction in CIC-Type Chloride Channels: Lessons from					
63 /4 /	C63	Disease-Causing Mutations," Kidney International, Vol. 57, pp. 780-786, 2000. Kneen, et al., "Green Fluorescent Protein as a Noninvasive Intracellular pH Indicator," Biophysical					
114		Journal, Vol. 74, pp. 1591-1599, 1998.					
64 gg	C64	Zen, et al., "Second Messengers Regulate Endosomal Acidification in Swiss 3T3 Fibroblasts," Journal of Cell Biology, Vol. 119, pp. 99-110, 1992.					
65 Hyle	C65	Lewalle, et al., "Inhibition of P210 Expression in Chronic Myeloid Leukaemia: Oligonucleotides and/or Transduced Antisense Sequences," Leukemia and Lymphoma, Vol. 11, pp. 139-143, 1993.					
66 HH,	C66	Marschall, et al., "Inhibition of Gene Expression with Ribozymes," Cellular and Molecular Neurobiology, Vol. 14, pp. 523-538, 1994.					
670 CH	C67						
68/14	C68	Siegel, et al., "A Genetically Encoded Optical Probe of Membrane Voltage," Neuron, Vol. 19, pp. 735-741, 1997.					
69 gg/s	C69						
70 ff y	C70						

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Dara L. Marrey 8/12/05

BOS2_444685_1/DRDAVIS

FORM PTO-1449			DOCKET NO:	SERIAL NO.:			
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INFORMATION DISCLOSURE			APPLICANT(S): Heegaard, et al.				
STATEMENT			FILING DATE:	GROUP NO.:			
			July 18, 2003	1632			
71 86 H	C71			rane Conductance Regulator Gene in			
72 00.0	C72		by Gene Targeting," Transgenic Research, Vol. 1, pp. 177-181, 1992. Olgi Localization and Functionally Important Domains in the NH2 and COOH				
JA		Terminus of the Yeast CLC Puta Vol. 273, pp. 15110-15118, 199		" Journal of Biological Chemistry,			
73 00.4	C73	Liu, et al., "Ribozyme Ablation I	Demonstrates That the Cardie	ac Subtype of the Voltage-Sensitive			
All		Calcium Channel Is the Molecu in Osteoblastic Cells," Journal of		roxyvitamin D ₃ -Stimulated Calcium Influx			
74 60 11	C74			ion of the γ-Aminobutyric Acid Carrier			
21/41	075	from Synaptic Vesicles," Journa					
SHA	C75	Channel," Nature Genetics, Vol.		Mice Lacking the CLC-K1 Chloride			
76 JOY	C76	Clague, et al., "Vacuolar ATPase Journal of Biological Chemistry		osomal Carrier Vesicle Formation,"			
770	C77	Laitala-Leinonen, et al., "Inhibit	ion of Intravacuolar Acidifica	tion by Antisense RNA Decreases			
114		Osteoclast Differentiation and E 3666, 1999.	Sone Resorption In Vitro," Jou	arnal of Cell Science, Vol. 112, pp. 3657-			
78 AY	C78	Ilvesaro, et al., "Bone-Resorbing		nctional Connexin-43," Journal of Bone			
79	C79	and Mineral Research, Vol. 15, Udagawa, et al., "Osteoblasts/S		clast Activation Through Expression of			
Af H		Osteoclast Differentiation Facto		e Colony-Stimulating Factor," Bone,			
80	C80	Vol. 25, pp. 517-523, 1999. Lloyd, et al., "Idiopathic Low Molecular Weight Proteinuria Associated with Hypercalciuric					
Mile		Nephrocalcinosis in Japanese C Journal of Clinical Investigation	hildren Is Due to Mutations	of the Renal Chloride Channel (CLCN5),			
81 of y.	C81	Lee, et al., "Targeted Disruption	of the Kulqt1Gene Causes D	eafness and Gastric Hyperplasia in Mice,"			
82 /	C82	Journal of Clinical Investigation Montrose-Rafizadeh, et al., "Ger	, Vol. 106, pp. 1447-1455, 26 he Targeting of a CFTR Allele	000. in HT29 Human Epithelial Cells," Journal			
17-JH		of Cellular Physiology, Vol. 170,	рр. 299-308, 1997.	•			
837 f. M	C83	Redey, et al., "Osteoclast Adhes Hydroxyapatite, and Natural Ca		Hydroxyapatite, Carbonated ip to Surface Energies," Journal of			
20/2		Biomedical Research, Vol. 45, p	p. 140-147, 1999.	<u> </u>			
84 eyy	C84	Brussaard, "Antisense Oligonucleotides Induce Functional Deletion of Ligand Gated Ion Channels in Cultured Neurons and Brain Explants," Journal of Neuroscience Methods, Vol. 71, pp. 55-64, 1997.					
85 Al. H.	C85	Friedrich, et al., "Mutational Analysis Demonstrates That CIC-4 and CIC-5 Directly Mediate Plasma					
86,24	C86	Membrane Currents," Journal of Biological Chemistry, Vol. 27, pp. 896-902, 1999. Gronemeier, et al., "Nonsense and Missense Mutations in the Muscular Chloride Channel Gene Clc-1					
1334		of Myotonic Mice," Journal of Biological Chemistry, Vol. 269, pp. 5963-5967, 1994.					
J.H	C87	Schapiro, et al., "Determinants of the pH of the Golgi Complex," Journal of Biological Chemistry, Vol. 275, pp. 21025-21032, 2000.					
88	C88	Schmidt-Rose, et al., "Reconstitution of Functional Voltage-Gated Chloride Channels From					
SHU		Complementary Fragments of CLC-1," Journal of Biological Chemistry, Vol. 272, pp. 20515-20521, 1997.					
89 KG11.	C89	9 Sterrer, et al., "Fluorescence Correlation Spectroscopy (FCS) - A Highly Sensitive Method to Analyze Drug/Target Interactions," Journal of Receptor & Signal Transduction Research, Vol. 17, pp. 511-520,					
LUJU		Drug/Target Interactions," Jour 1997.	nai of Receptor & Signal Trai	nsduction Research, Vol. 17, pp. 511-520,			
90	-690 -	Kornak, et al., "Complete Genomic Structure of the CLCN6 and CLCN7 Putative Chloride Channel-					
91,80,11	C91	Genes," Biochimica et Biophysica Acta, Vol. 1447, pp. 100-106, 1999.— Chambers, et al., "Resorption of Bone by Isolated Rabbit Osteoclasts," Journal of Cell Science, Vol.					
JJ4		pp. 383-399, 1984.	33-399, 1984.				
92° egy	C92	Vandewalle, "Immortalized Kidney Cells Derived from Transgenic Mice Harboring L-Type Pyruvate Kinase and Vimentin Promoters," Experimental Nephrology, Vol. 7, pp. 386-393, 1999.					
93	C93	93 Gökhan, et al., "Generation and Regulation of Developing Immortalized Neural Cell Lines," Methods					
S/A!		Vol. 16, pp. 345-358, 1998.					

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Dara L. Harney 8/12/05

BOS2_444685_I/DRDAVIS

FORM PTO-1449			DOCKET NO:		SERIAL NO.:	
INFORMATION DISCLOSURE STATEMENT			59573 (46865)		10/623,150	
			APPLICANT(S): Heegaard, et al.			
			FILING DATE: GROUP NO.: July 18, 2003 1632		GROUP NO.:	
					2	
94 ff.	C94	Okazaki, et al., "Thiazolidinedio Vitro," Endocrinology, Vol. 140,		ike Cell For	mation and Bone Resorption in	
95 C95 Luyckx, et al., "Diet-Dependent Channel Expression," PNAS, Vo					with Reduced CLC5 Chloride	
EXAMINE	R:	Bara L. Sarrey	1	DAT	E: 8/12/05	